

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number  
**WO 2005/053230 A2**

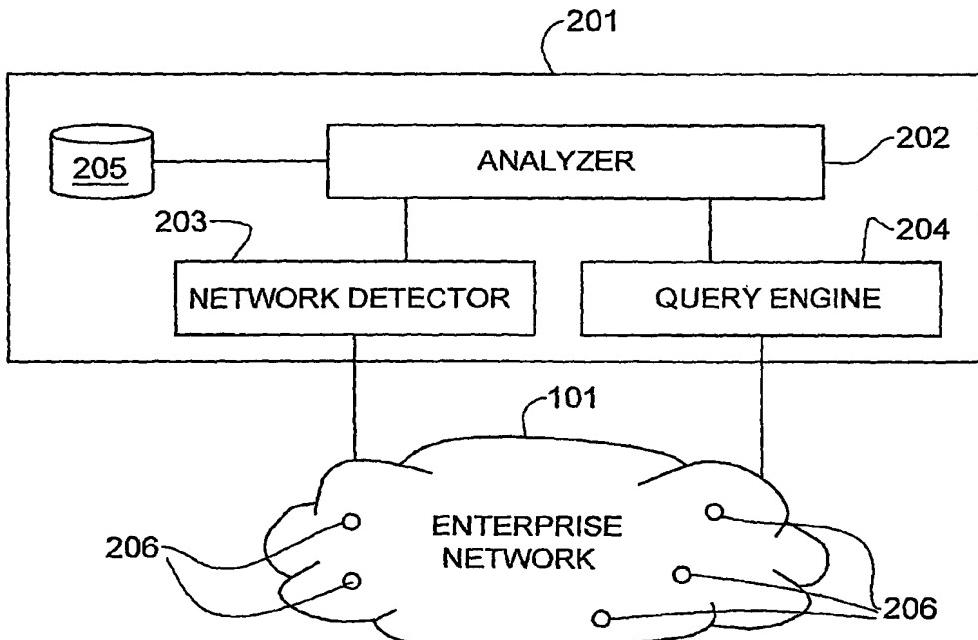
- (51) International Patent Classification<sup>7</sup>: H04L 12/26, G06F 9/445, H04L 29/06
- (21) International Application Number: PCT/IL2004/001091
- (22) International Filing Date: 28 November 2004 (28.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/525,136 28 November 2003 (28.11.2003) US
- (71) Applicant (for all designated States except US): INSIGHTIX LTD. [IL/IL]; P.O.B. 2660, 3 HaSadna Street, 43665 Ra'anana (IL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ARKIN, Ofir [IL/IL]; 7/1 Ashour, 21861 Carmiel (IL).
- (74) Agent: REINHOLD COHN AND PARTNERS; P.O.B. 4060, 61040 Tel-Aviv (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR COLLECTING INFORMATION RELATING TO A COMMUNICATION NETWORK



WO 2005/053230 A2

(57) Abstract: The present invention provides a method and a system for collecting information relating to a communication network. Data conveyed by nodes operating in the communication network is detected in a manner that is transparent to the nodes. The detected data is analyzed for identifying information relating to the communication network and for identifying missing information. In order to complete the missing information, one or more of the nodes are queried.

**WO 2005/053230 A2**



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*